EAST SEARCH

4/20/03

L#	Hits	Search String	Databases
L1	1154	("memory circuit" or "semiconductor memory") with (speed or frequency) with voltage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	3217	("memory circuit" or "semiconductor memory") with (download$2 or transfer$3) with (data or music)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	51	1 and 2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	1767	(download$2 or transfer$3) with (data or music) with ((high$2 or level or supply) near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	220	2 and 4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	624	(download$2 or transfer$3) with (data or music) with ((high$2) near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	72	2 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	16512	(download$2 or transfer$3) with (data or music) with ((high$2) near2 (frequency or speed))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L9	521	2 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L10	16	6 and 9	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L11	989	((download$2 or transfer$3) near2 (data or music)) with ((high$2 or level or supply) near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L12	123	2 and 11	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L13	296	((download$2 or transfer$3) near2 (data or music)) with ((high$2) near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L15	13183	((download$2 or transfer$3) near2 (data or music)) with ((high$2) near2 (frequency or speed))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L16	445	2 and 15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L17	11	13 and 16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L14	35	2 and 13	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L18	59	((download$2 or transfer$3) near2 (data or music)) with ((high$2) near2 (frequency or speed)) same ((high$2) near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L19	0	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) with (high$2 near2 voltage)) same (high$2 near2 (frequency or speed))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L20	10	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) with (high$2 near2 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L23	10	21 and 22	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

Label	Count	Query	Source
L24	13	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) with (high$2 near2 (frequency or speed))) same voltage	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L21	285	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) with (high$2 near2 (frequency or speed)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L22	83	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) with ((high$2 or level or supply) near2 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L25	4	("memory circuit" or "semiconductor memory") same ((download$2 or transfer$3) near2 (data or music)) same (high$2 near2 voltage) same (high$2 near2 (frequency or speed))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L26	10	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) with (high$2 near2 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L27	37	("memory circuit" or "semiconductor memory") same (((download$2 or transfer$3) near2 (data or music)) same (high$2 near2 voltage))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L28	141	(("digital signal" or data) near2 source) with (high$2 near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L29	27	(("digital signal" or data) adj source) with (high$2 near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L30	0	(("digital signal" or data) adj source) same (high$2 near2 "operating voltage")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L1	2579	batter$3 with (external near2 "power supply")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	511	batter$3 with ("power supply") with (higher near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	35	batter$3 with (external near2 "power supply") with (higher near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	2	4,665,354.pn. and (higher with voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	1773	batter$3 with (charg$3 or recharg$3) with (higher near2 voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	138	3 and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	1	3,660,714.pn. and (higher with voltage)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L8	2	4,085,358.pn. and (battery with charge)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

09/886368   **Hamamoto**

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6/3/03

Results of search set L18:(((download$2 or transfer$3) near2 (data or music)) with ((high$2) near2 (frequency or speed)) same ((high$2) near2 voltage)

Document)Document II	Title	Source	Issue Date	Current OR
US 20030190110 A1	Method and apparatus for providing inductive coupling and decoupling of high-frequency, high-bandwidth d		20031009	385/15
US 20030164723 A1	Output buffer circuit		20030904	327/112
US 20020154564 A1	Semiconductor integrated circuit device		20021024	365/230.03

Patent Number	Title	Date / Class
US 20020145413 A1	DC-DC converter and storage apparatus	20021010 323/371
US 20020110311 A1	Apparatus and method for providing a power line communication device for safe transmission of high-frequ	20020815 385/15
US 20020110310 A1	Method and apparatus for providing inductive coupling and decoupling of high-frequency, high-bandwidth d	20020815 385/15
US 20020024069 A1	Charge transfer device	20020228 257/239
US 20020015349 A1	Semiconductor integrated circuit device	20020207 365/227
US 20010037431 A1	Digital information system, digital audio signal processor and signal converter	20011101 711/115
US 20010035785 A1	Voltage supply discriminator and method	20011101 327/333
US 6690615 B2	Semiconductor integrated circuit device	20040210 365/230.09
US 6553450 B1	Buffer to multiply memory interface	20030422 711/105
US 6535448 B2	Semiconductor integrated circuit device having bidirectional data transfer between a main memory unit and	20030318 365/227
US 6531792 B2	DC-DC converter and storage apparatus	20030311 307/109
US 6515318 B2	Charge transfer device	20030204 257/239
US 6501306 B1	Data output circuit for semiconductor device with level shifter and method for outputting data using the sam	20021231 327/112
US 6480051 B2	Voltage supply discriminator and method	20021112 327/333
US 6366130 B1	High speed low power data transfer scheme	20020402 326/95
US 6343046 B1	Semiconductor integrated circuit device	20020129 365/230.09
US 6307410 B1	Semiconductor integrated circuit device	20011023 327/154
US 6297683 B1	Voltage supply discriminator and method	20011002 327/333
US 6282611 B1	Digital information system, digital audio signal processor and signal converter	20010828 711/115
US 6147672 A	Display signal interface system between display controller and display apparatus	20001114 345/589
US 6130852 A	Memory integrated circuit device including a memory having a configuration suitable for mixture with logic	20001010 365/230.03
US 6101076 A	Electromagnetic safety enhancement circuit for universal serial bus systems	20000808 361/90
US 6097629 A	Non-volatile, static random access memory with high speed store capability	20000801 365/185.07
US 6097208 A	Signal-transfer system and semiconductor device for high-speed data transfer	20000801 326/26
US 6051990 A	Asymmetric current mode driver for differential transmission lines	20000418 326/33
US 6040759 A	Communication system for providing broadband data services using a high-voltage cable of a power syster	20000321 340/310.01
US 6023440 A	Semiconductor memory, moving-picture storing memory, moving-picture storing apparatus, moving-picture	20000208 365/230.03
US 5986641 A	Display signal interface system between display controller and display apparatus	19991116 345/593
US 5949733 A	Semiconductor memory, moving-picture storing memory, moving-picture storing apparatus, moving-picture	19990907 365/230.03
US 5864284 A	Apparatus for coupling radio-frequency signals to and from a cable of a power distribution network	19990126 340/310.01
US 5818761 A	Non-volatile semiconductor memory device capable of high speed programming/erasure	19981006 365/185.18
US 5805524 A	Semiconductor memory, moving-picture storing memory, moving-picture storing apparatus, moving-picture	19980908 365/238
US 5799069 A	Method and apparatus for dynamically adapting the clock rate and data transfer rate of phone-line powered	19980825 379/93.33
US 5590369 A	Bus supporting a plurality of data transfer sizes and protocols	19961231 710/110
US 5555527 A	Semiconductor memory, moving-picture storing memory, moving-picture storing apparatus, moving-picture	19960910 365/222
US 5512845 A	Bootstrap circuit	19960430 326/88
US 5392172 A	Magnetic head circuit having a write current changeover circuit with a clamp voltage depending on write cur	19950221 360/67
US 5371424 A	Transmitter/receiver circuit and method therefor	19941206 326/63
US 5359298 A	VCO having voltage-to-current converter and PLL using same	19941025 331/2
US 5315555 A	Sense amplifier for performing a high-speed sensing operation	19940524 365/207
US 5302919 A	VCO having voltage-to-current converter and PLL using same	19940412 331/2

US 5274592 A	Semiconductor integrated circuit device for high-speed transmission of data and for improving reliability of t	19931228	365/189.11
US 5012464 A	Computer-controlled laser imaging system with automatic beam start at line beginning	19910430	369/116
US 4918743 A	Circuit for generating a dual purpose control signal in a disk apparatus	19900417	388/812
US 4885628 A	Semiconductor integrated circuit device	19891205	257/500
US 4186379 A	High-speed data transfer apparatus	19800129	714/699
US 3677280 A	OPTIMUM HIGH GAIN-BANDWIDTH PHOTOTRANSISTOR STRUCTURE	19720718	257/464
JP 2003101402 A	OUTPUT DRIVER CIRCUIT	20030404	
JP 060764 A, B2, U	DISK DEVICE OPERATING CORRESPONDING TO POWER SOURCE VOLTAGE	19940318	
JP 02050219 A	HIGH-SPEED OUTPUT BUFFER	19900220	
JP 01052283 A	MEMORY CIRCUIT	19890228	
FR 2690768 A1	Data exchange between smart card and reader with adaptive voltage supply - uses low voltage on card with	19931105	
US 5864284 A	Radio frequency injection system for power distribution network - has lightening arrestor connected between	19990126	
JP 2000082288 A	Large scale integrated circuit with low-voltage, high-speed operation used in dynamic random access mem	20030711	
FR 2690768 A	Data exchange between smart card and reader with adaptive voltage supply - uses low voltage on card with	19931105	
US 4186379 A	High-speed data transfer system - has pull up resistors for maintaining high voltage levels on bus lines	19800129	